

CLAIM AMENDMENTS

1. (Currently amended)

A ~~Pressure-sensitive~~ pressure-sensitive adhesive film suitable for protecting motor vehicle bodies, ~~characterized in that it is obtained comprising by coating a support layer coated with a mixture, wherein the mixture contains~~ containing:

[[•]] 100 parts by weight of an aqueous acrylic dispersion obtained obtainable by emulsion polymerization of a monomer mixture comprising 40 to 70% by weight of 2-ethylhexyl acrylate, 20 to 40% by weight of ethyl acrylate, 5 to 15% by weight of vinyl acetate, 0 to 8% by weight of styrene and 2 to 5% by weight of one or more monomers carrying at least one carboxylic group;

[[•]] 0.05 to 30 parts by weight, ~~preferably 0.1 to 15.5 parts by weight,~~ of a crosslinking system that can be incorporated in aqueous phase, wherein said crosslinking system consists of one or more crosslinking agents chosen from an aliphatic or alicyclic isocyanate crosslinker, an aziridine crosslinker, a carbodiimide crosslinker and an epoxy crosslinker; and

[[•]] 0 to 5 parts by weight of one or more anti-ageing agents.

2. (Currently amended)

The Adhesive adhesive film according to Claim 1, wherein in ~~which~~ the monomer carrying at least one carboxylic group is chosen from acrylic acid, methacrylic acid, itaconic acid, citraconic acid, fumaric acid, maleic acid and derivatives of these acids.

3. (Currently amended)

The Adhesive adhesive film according to Claim 1, wherein in ~~which the mean particle size of the aqueous acrylic dispersion is the~~ has a mean particle size less than 500 nm, ~~preferably less than 200 nm.~~

4. (Cancelled)

5. (Currently amended)

The Adhesive adhesive film according to Claim 1, wherein in ~~which~~ the aforementioned crosslinking system consists of:

[[-]] either an isocyanate used in an amount of 0.5 to 30 parts by weight, ~~preferably 1 to 15 parts by weight;~~

[[-]] or an aziridine used in an amount of 0.05 to 3 parts

by weight, ~~preferably 0.1 to 1.5 parts by weight;~~

[[~~-~~]] or a carbodiimide used in an amount of 0.1 to 30 parts by weight, ~~preferably 0.1 to 15 parts by weight;~~

[[~~-~~]] or an epoxy used in an amount of 0.1 to 6 parts by weight, ~~preferably 0.2 to 3 parts by weight;~~

[[~~-~~]] or a mixture of an aziridine used in an amount of 0.05 to 0.5 parts by weight and of an isocyanate used in an amount of 1 to 15 parts by weight.

6. (Currently amended)

The Adhesive adhesive film according to Claim 1, wherein in ~~which~~ the support layer is a monolayer or a multilayer, ~~preferably a trilayer.~~

7. (Currently amended)

The Adhesive adhesive film according to Claim 1, wherein in ~~which~~ each layer of the support layer comprises a radical polyethylene, a copolymer of ethylene and a C₃-C₈ olefinic monomer, a polypropylene, an ethylene-propylene copolymer, or a blend of these compounds.

8. (Currently amended)

The Adhesive adhesive film according to Claim ~~±~~ 7, wherein ~~in which~~ the support layer further ~~includes~~ contains one or more polyolefins ~~intended to increase the bonding of the adhesive layer and the support layer, the said polyolefin(s) being chosen in particular from ethylene/vinyl acetate copolymers and ethylene/acrylic derivative copolymers.~~

9. (Withdrawn/Currently Amended) ~~Use of an adhesive film as defined in Claim 1 for the protection of~~ A method of protecting a motor vehicle body comprising applying the adhesive film of claim 1 to the motor vehicle body.

10. (Withdrawn/Currently Amended)

A Process process for manufacturing a pressure-sensitive adhesive film suitable for protecting motor vehicle bodies, ~~characterized in that it~~ which comprises the coating of a support layer with a mixture containing:

[[•]] 100 parts by weight of an aqueous acrylic dispersion obtained by emulsion polymerization of a monomer mixture comprising 40 to 70% by weight of 2-ethylhexyl acrylate, 20 to 40% by weight of ethyl acrylate, 5 to 15% by weight of vinyl acetate, 0 to 8% by weight of styrene and 2 to 5% by weight of one or more monomers carrying at least one carboxylic group;

[[•]] 0.05 to 30 parts by weight, ~~preferably 0.1 to 15.5~~
~~parts by weight,~~ of a crosslinking system that can be
incorporated in aqueous phase, wherein said crosslinking system
consists of one or more crosslinking agents chosen from an
aliphatic or alicyclic isocyanate crosslinker, an aziridine
crosslinker, a carbodiimide crosslinker and an epoxy
crosslinker; and

[[•]] 0 to 5 parts by weight of one or more anti-ageing
agents

wherein said coating step is carried out under conditions
allowing a coated adhesive layer to be obtained having a
thickness of between 5 and 30 microns and a residual moisture
content of between 0.001 and 1% by weight.

11. (Withdrawn/Currently Amended)

A Process process according to Claim 10, ~~characterized in~~
~~that the drying step during~~ wherein the coating process ~~is~~
comprises a drying step carried out at a temperature of between
50 and 95°C for a time of between 1 and 30 seconds.

12. (New)

The adhesive film according to claim 1, wherein the mixture contains 0.1 to 15.5 parts by weight of crosslinking system.

13. (New)

The adhesive film according to claim 3, wherein the aqueous acrylic dispersion has a mean particle size less than 200 nm.

14. (New)

The adhesive film according to Claim 5, wherein the crosslinking system consists of:

either an isocyanate used in an amount of 1 to 15 parts by weight;

or an aziridine used in an amount of 0.1 to 1.5 parts by weight;

or a carbodiimide used in an amount of 0.1 to 15 parts by weight;

or an epoxy used in an amount of 0.2 to 3 parts by weight.

15. (New)

The adhesive film according to claim 6, wherein the support layer is a trilayer.

16. (New)

The adhesive film according to claim 7, wherein the support layer further contains from 0.1 to 25% by weight, relative to the weight of the support layer, of one or more additives chosen from slip agents, processing aids, matting agents, dyes or pigments, anti-ageing agents, UV absorbers and anti-blocking agents.